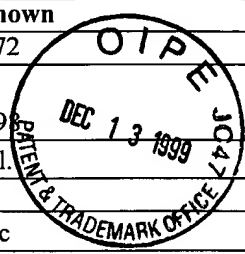
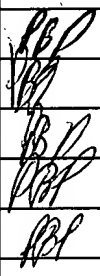
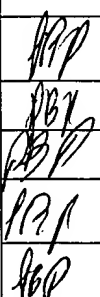



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>				
				Application Number		09/029,872		
				Filing Date		06/29/1998		
				First Named Inventor		Pugh et al.		
				Group Art Unit		3738		
Examiner Name		P. Prebilio						
Attorney Docket Number		3477-116						
Sheet	1	of	2					
<b>U. S. PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear		
		Number	Kind Code <sup>2</sup> (if known)					
	1	<del>5,728,395</del>		Ohtsuka et al.	03/17/1998			
	2	<del>5,232,878</del>		Kasuga et al.	08/03/1993			
	3	<del>5,034,352</del>		Vit et al.	07/23/1991			
	4	<del>5,011,495</del>		Hollinger	04/30/1991			
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	6	4,503,157		Hatahira	03/05/1985			
	7	4,871,578		Adam et al.	10/03/1989			
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	9	4,988,362		Toriyama et al.	01/29/1991			
	10	4,990,163		Ducheyne et al.	02/05/1991			
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (if known) <sup>5</sup>				
	11	WO	94/26872		Millenium Biologix, Inc.	11/24/1994		
	12	WO	91/17965		University of Florida	11/28/1991		
	13	WO	95/32008		Implico B.V.	11/30/1995		
	14	UK	2 316 940	A	Queen Mary & Westfield College	03/11/1998		
	15	FR	2 664 501		Les Laboratoires Osteal Medical	01/17/1992		
Examiner Signature						Date Considered	6-26-00	

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<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	09/029,872
		Filing Date	06/29/1998
		First Named Inventor	Pugh et al.
		Group Art Unit	3738
		Examiner Name	P. Prebilio
Sheet 2 of 2	Attorney Docket Number	3477-116	

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), journal, book, magazine, serial, symposium, catalog, etc., date, page(s), volume-issue number(s), publisher, city and/or country where published.	Group 3700
PP	16	Boyer et al., "Synthesis of phosphate - silicate apatites at atmospheric pressure," <u>Solid State Ionics</u> , 95, pp. 121-129, 1997	
PP	17	Ruys, "Silicon-Doped Hydroxyapatite", <u>J. Aust. Ceram. Soc.</u> , 29 (1/2), pp. 71-80, 1993	
PP	18	Shimizu et al., "The effect of substrate composition and condition on resorption by isolated osteoclasts," <u>Bone and Mineral</u> , 6, pp. 261-275 (1989)	
PP	19	Jones et al., "The resorption of biological and non-biological substrates by cultured avian and mammalian osteoclasts," <u>Anat. Embryol</u> , 170:247-256 (1984)	
PP	20	Kerby et al., "Derivation of Osteoclasts from Hematopoietic Colony-Forming Cells in Culture," <u>Journal of Bone and Mineral Research</u> , Vol. 7, No. 3, pp. 353-362 (1992)	
PP	21	Amano et al., "An Assay System Utilizing Devitalized Bone for Assessment of Differentiation of Osteoclast Progenitors," <u>Journal of Bone and Mineral Research</u> , Vol. 7, No. 3, pp. 321-328 (1992)	
PP	22	Chambers et al., "Failure of Cells of the Mononuclear Phagocyte Series to Resorb Bone," <u>Calcif. Tissue Intl.</u> , 36:556-558 (1984)	
PP	23	Chambers et al., "Resorption of Bone by Isolated Rabbit Osteoclasts," <u>J. Cell Sci.</u> , 66, pp. 383-399 (1984)	
PP	24	Boyde et al., "Resorption of Dentine by Isolated Osteoclasts <i>in vitro</i> ," <u>British Dental Journal</u> , 156, pp. 216-220 (1984)	

Examiner Signature	Paul Prebilio	Date Considered	6-26-00
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.